

Fourie, F.
HEAT-SETTING OF COMPLETELY SYNTHETIC
FIBERS. [1962] 12p.
Order from ATS \$13.75

ATS-51P64G

Trans. of Melland Textilber[ichte] (West Germany)
1952, v. 33, no. 7, p. 639-643.

DESCRIPTORS: *Synthetic fibers, Fibers, Processing,
Heat treatment.

(Materials--Textiles. TT, v. 9, no. 2)

61-12038

- I. Fourie, F.
- II. ATS-51P64G
- III. Associated Technical
Services, Inc.,
East Orange, N. J.

Office of Technical Services

Micro-Organisms of the Human Skin, and Their Effect
on Various Textile Fibres, by H. Dachler

GERMAN, per, Melliand Textilber, Vol LXXIII, 1952,
pp 709-710.

R.A.B. Fernborough 410

Sept 7/77

Scientific - Biology
CTS/DEM

7225

Colloidal Chemical Properties of Water Soluble
Methyl Celluloses, PT II, by J. Stawitz, 9pp
GERMAN, per, Melliand Textilberichte, Vol 33, 1952,
No 8, pp 737-738
SLA TT-64-20528

Sci - Mat
June 67

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Delustring Synthetic Fibres by Means of Titanium,
by A. Agster.

GERMAN, per, Melliand Textilber, Vol XXXIII, 1952,
PP 739-743.

NRCC - TT- 862

Sci - Chemistry
Jan 61

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Dithmar, K.
HIGHLY DISPERSED SILICIC ACID PRODUCTS FOR
SPINNING MILLS AND FINISHING PLANTS. [1961]

2p.

Order from SLA m\$1.80, ph\$1.80

61-14073

Abstract trans. of Melliand Textilber(iche) (West
Germany) 1952, v. 33, p. 957-959.

61-14073

1. Silicic acids--Applications
2. Textiles--Processing
3. Fibers--Coatings
1. Dithmar, K.

151845

Office of Technical Services

(Materials--Textiles, TT, v. 5, no. 12)

Hoffmann, Konrad.
APPARATUS FOR TESTING LIGHTFASTNESS OF
DYES, SYNTHETIC MATERIALS AND THE LIKE BY
ARTIFICIAL LIGHT. [1964] 5p (figs omitted) 6 refs
Order from SLA \$1.10 TT-64-10790

Trans. of Melliand Textilberichte (West Germany) 1952,
v. 33 [no. 11] p. 1040-1043.

(Materials--Textiles, TT, v. 12, no. 1)

TT-64-10790

I. Hoffmann, K.

Office of Technical Services

Combustion in Liquid-Propellant Rocket
Motors, by Yu. Kh. Shaulov, M. O. Lerner,
248pp.

GERMAN, per, Melliand Textilberichte,
Vol 34, No 5/6, 1953, pp 436-438, 527-530.
CFSTI TT-64-18934.

322,673

Sci - Chemistry
Mar 67

The Influence of Drawing on the Physical
Properties of Perlon Yarn, by H. Boehringer, 9 pp.

GERMAN, per, ~~Melliand Textilber~~, Vol XXIV, No 8,
9, 1953, pp 712, 713, 822, 823.

S.L.A. Tr 1849

Sci - Engineering
May 57

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The Xenotest Device 150 and Testing of
Light Fastness in Accordance with I.S.O.
Tentative Test Document 381, by H.

Toepffer, 7pp.

GERMAN, per, Melliand Textilberichte,

Vol 44, No 8, 1963, pp 848-850.

CFSTI TT-64-18498.

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Sci - Chemistry

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Chemical Processes Involved in the Formation of
Synthetic Fiber Materials, by E. Miller, 21 pp.

GERMAN, per, Melliand Textilber, Vol XXXIV, No 9,
10, 11, 1953, pp 850-852, 951-953, 1065-1067.

S.L.A. Tr 1865

Sci - Engineering
May 57

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A Simple Method for the Identification of
Aminoplasts in Cressetroffed Fabrics and
in Other Applications, by E. Klod and E.
Jorder, 6 pp.

GERMAN, per, Melland Textilber, Vol XXIV,
No 9, 1953, pp 860-863.

Assoc Tech Serv-7689C

Sc1

Aug 58

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Contributions in Measurement Techniques to the
Subject of Antistatics, by Walther Sprengmann,
7 pp.

GERMAN, per, ~~Melliand Textilberichte~~, Vol XXXIV,
Oct 1953, pp 971, 972, Nov 1953, pp 1076.

S.L.A. Tr . 676/1955

Sci - Electronics
Apr 1957 CTS/dex

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Hesse, E. O.
PRECALCULATION OF THE WARP LENGTH FOR
UTILIZATION OF THE WARP BEAM FLANGES.
[1961] 6p. [figs. omitted] 1 ref.
Order from SLA \$1.10

61-14522

Trans. of Melliand Textilber [ichse] (West Germany)
1954, v. 34, Nov, p. 1227-1229.

DESCRIPTORS: *Threads, Processing.

(Materials--Textiles, TT, v. 6, no. 2)

61-14522

I. Hesse, E. O.

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A ~~Summary~~ Comparison of Glass Fibres, Produced
With Different Emulsions, by P. R. Masch,

GERMAN, per, Melliand Textilber., Vol XXIV,
1954, pp 226-228.

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Tr No 510

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Scientific - Chemistry

May 55 CTS

On the Washing Process. IX. Electronmicroscopic
Investigations of Soils on Cotton and Wool, by
W. Kling, H. Mahl, 14 pp.

GERMAN, for, Melliand Textilber, Vol XXXV, No 6,
1954, pp 640-645.

SLA Tr 2456

Sci - Chem

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Spinning Preparations in the Melt-Spinning of
Superpolyamides, by P. Kuenzel, 7 pp.

GERMAN, per, ¹Melliand Textiber, Vol XXXV, No 7,
1954, ~~1000000~~ pp 725-727.

S.L.A. Tr 1874

Sci - Engineering
May 57

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Effect of Fiber Elongation on Spinnability and
Yarn Strength, by Egon Sattler, 8 pp.

GERMAN, per, Melliand Textilberichte, Vol XXXV,
1954, pp 1064-1066.

SLA 61-14521

Wbur - Germany
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Sep 61

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A New Apparatus for the Determination of the
Degree of Ripeness of Viscose, by H. Boenig,
M. Beniers, 7 pp.

GERMAN, per, Melland Textilberichte, Vol XXXV,
No 10, 1954, pp 1119-1121.

SLA 60-10770

Sci

QTS, Vol III, No 7

Nov 60

133,116

Martinek, J.
HYDRAULIC SHAFT CONTROL. [1961] 3p. (1 fig.
omitted) 1 ref.
Order from SLA \$1.10

61-14530

Trans. of Melland Textilber[ische] (West Germany)
1954, v. 35 [no. 11] p. 1229-1230.

DESCRIPTORS: *Shafts, Control, *Hydraulic systems.

(Machinery, Fabrications and Accessory Equipment,
TT, v. 6, no. 1)

61-14530

J. Martinek, J.

101724

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Struch, B.
THE THERON DOUBLE-RING SYSTEM FOR SPIN-
NING AND TWISTING. [1961] 6, 25 pgs. omitted)

1 ref.

Order from SLA \$1.10

61-14523

Trans. of Melland Textilberiche (West Germany)
1954, v. 35, p. 1322-1323 (reprinted from de Tex
(Netherlands) 1954, v. 13, p. 533).

DESCRIPTORS: *Threads. Processing. Textiles.

(Materials--Textiles, TT, v. 6, no. 3)

61-14523

I. Struch, B.

175204

Office of Technical Services

Krüssig, H.
THE EFFECT OF OXIDATIVE DETERGENTS ON
COTTON FABRICS. 412. REPORT ON MACRO-
MOLECULAR COMPOUNDS. [1961] 28p. (13 figs.
6 equations omitted) 39 refs.
Order from SLA \$2.60

61-14524

Trans. of Melliand Textilberichte (West Germany)
1955. v. 36, no. 1, p. 55-58, no. 2, p. 163-166, no. 3,
p. 265-267.

DESCRIPTORS: *Detergents, *Cotton textiles, Chemi-
cal reactions, Cellulose, Hydrolysis, Oxidation

Materials--Textiles. TT. v. 6, no. 2)

61-14524

L Krüssig, H.
II. Title: Report...

10872

Office of Technical Services

Sippel, A.
THE LAWS GOVERNING DEGRADATION OF
TEXTILE FIBERS BY ENERGY-RICH RADIATION
AND HEAT. [1961] 20p. 23 refs.
Order from SLA \$1.60

61-20647

Trans. of Melland Textilberichte (West Germany)
1957, v. 38 [no. 8] p. 898-904.
Another trans. is available from SLA m\$2.70.
ph\$4.60 as 59-15744 [1959] 25p.

DESCRIPTORS: Textile industry, *Fibers, Tempera-
ture, *Radiation effects, *Light, *Thermal radiation,
*Synthetic fibers, *Textiles.

(Materials - Textiles, TT, v. 7, no. 1)

61-20647

I. Sippel, A.

Office of Technical Services

Kirchenberger, H.
WEFT INSERTION IN SHUTTLELESS WEAVING
MACHINES. [1961] 8p. (12 figs. omitted).
Order from SLA \$1.10 61-14527

Trans. of Melland Textilber[ische] (West Germany)
1958, v. 39, no. 6, p. 619-621.

DESCRIPTORS: *Textile industry. *Manufacturing
methods. Machines.

(Materials--Textiles, TT, v. 6, no. 2)

61-14527

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Relationships between the Structure and the
Dyeing Behavior of Synthetic Fibers. Part I.
By A. Wurz, 10 pp.

GERMAN, per, Melliand Textilber, Vol XXXVI,
No 4, 1955, pp 356-360. (loan copy only)

SLA 57-2669

Sci
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Answer book for 67-6-5

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Dyeing of Polyscrylonitrile Fibers, by H.
Faldik, 7 pp.

GERMAN, par, Melliand Textilber, Vol XXXVI,
No 4, 1955, pp 360-362.

Assoc Tech Serv
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A-37-3721

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New Problems in the Photocolorimetric Analysis of
Fabrics Treated With Optical Bleaching Agents, by
C. Pinte, P. Rochas, 31 pp.

GERMAN, per, Melliand Textilber, Vol XXXVI, No 4,
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SLA 3031

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The Existence of Individual Fibrils in Native Cellulose Fibres, by H. Dolmetsch, 8 pp.

⁸
GERMAN, per, Melliand Textilber, Vol XXXVI, No 5, 1955, p 419.

SAL 58-289

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The Viscosity Behavior of Viscoscs - A
Discussion of Brandenburger's Paper
"Investigations of Viscose Rayon Staple Fibers",
by Werner Bandel, 11 pp.

GERMAN, per, Melliand Textilberichte, Vol XXXVI,
No 5, 1955, pp 427-431.

SLA 60-10771

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Relationships between the Structure and the
Dyeing Behavior of Synthetic Fibers. Part II.
By A. Wurz, 8 pp.

GERMAN, per, Melliand Textilber, Vol XXXVI,
No 5, 1955, pp 466-469.

SLA 57-2692

Sci
Aug 58

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Microscopic Identification of Polyester
Fibers, by H. H. Buehler.
GERMAN, per, Melliand Textilberichte, Vol 36,
No 6, 1955, p 542.
NTC-70-12752-11E

Feb 72

Innovations for Improving the Regularity of
Laps on Beutabers and La Machines, by
G. Reinhardt.

GERMAN, per, Melliand Textilberichte,
No 6, 1955, pp 624-626.

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Sol - Engr
Jun 62

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The Length Variation ~~Curve~~² Curve in
Spinning, by W. Wegener and W. Zahn.

GERMAN, per. Melliand Textilber, Vol XXXVI,
No 7, 1955, pp 776-780.

CSIRO-3113

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Room Climate and Electrostatic Build-Up in
Cotton Spinning Mills, by W. Wegener and A. ~~Wegener~~
Kesting, 10 pp.

GERMAN, per, Melland Textilber, Vol XXXVI,
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SLA Tr 2844'

Sci - Tech

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The Dyeing of Textiles by Heat Rays, by H. Barthold,
4 pp.

GERMAN, per, Melliand Textilber, Vol XXXV, No 8,
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SLA Tr 2999

Sci - Electronics,
Jan 58

Physics

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THE Chemical Components of Some East Flies and
their Inter-Relationships, by M. Ludtke, 1 pp.

GERMAN, per; Holland Textilber, Vol XXIV, ⁷⁻⁸ 1955,
p 736.

SLA 57-2890

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The Chemical Components of Some Best Fibres
and Their Inter-Relationships, by M. Imtke,
7 pp.

GERMAN, per, Melland Textilber, Vol XXVI,
No 8, 1955, p 763.

SLA Tr 57-1982

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WEGENER, W. and KESTING, A.

2844. Room climate and electrostatic build-up in
cotton spinning mills. Melliand Textilber. 36.
p.873-877, 1955. (10p.)

Diffusion Measurements on Polyamide Fibers I.B.
Experimental Methods for Diffusion Measure-
ments in Textile Chemistry, by W. Luck, 10 pp.

OKRMAN, per, Melliand Textilber, Vol XXVI,
No 10, 1955, pp 1028-1033.

Assoc Tech Serv 8588G

Sci
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Processes in the Vatting of Vat Dyes, by A.
Schaeffer, 29 pp.

GERMAN, per, Melliand Textilber, Vol XXXV., No
10, 1955, pp 1033-1036, (1033, 1034, 1035, 1036)
pp 28-31.

Assoc Tech Serv
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Aug 58

71,384

Printing of Polyacrylonitrile Textiles,
by R. Walter.

GERMAN, per, Melliand Textilberichte,
Vol XXXVI, 1955, pp 1146-1151.

CSIRO

Sci - Enggr
Jul 1962

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New Spinning Process for Rayon Stable,
by Paul Souchter, 5 pp.

GERMAN, per, ~~Mellian-Textilberichte~~,
Vol XXXVI, No 12, 1955, pp 1216-1217.

SLA 60-18414

Sci
Vol IV, No 11
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The Determination of the Frequency of Maps, Figures
and Other Irregularities in Yarns, by W. Burkhart.

GERMAN, Ger, Holland Textilber, Jan 1956, p 15-21.

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^D
The Development of Fabrics with the Same and Differ-
ing Yarn Counts of Thread Systems, by H. Rotter.

GERMAN, per, Melland Textilber, Jan 1956, pp
45-49.

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Mixed Yarns of Wool and Chemical Fibres. I.
The Determination of the Wool Constituent of
Mixed Yarns from Wool Viscose Rayon Staple
and Cuprammonium Fibres, by H. Zahn and E.
Kratzsch, 27 pp.

GERMAN, per, Melliand Textilber, Vol. XXVII,
1956, pp 75-80.

SLA 3438⁴

Sci

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Special Problems in the Practice of Vat Dye
Printing, by A. Garacha, 6 pp.

GERMAN. per, Holländ Textilber, Vol XXXVII,
No 1, 1956, pp 91-93.

Assoc Tech Serv-6989G

Sci

Aug 58

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Comparative Exposure Tests to Daylight and
Artificial Light, by A. Schaeffer, 31 pp.

GERMAN, per, Melliand Textilber, Vol XXXVII,
1956, pp 94-98.

BIA 3442

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Metallised Lining Materials, by A. Harensiak,
13 pp.

GERMAN, per, Melland Textilber, Vol XXXVII,
1956, pp 101-103.

SLA 3440

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Knitted Curtain Fabrics, by J. Riethmüller.

GERMAN, per, Melliand Textilber, Feb 1956, pp 168,
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ASLID-0839

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High Draft, Maximum Draft and Super Draft on Cotton
Ring Spinning Machines, by K. Quass.

GERMAN, Ger, Melland Textilber, Vol III, 1956,
p 233-240.

ASLIB-GB112

Sci

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Best Fibre ^Wetting and Water-Hardness, by M. Luttke.

GERMAN, per, Melliand Textilber, Vol LVII, 1956, pp
509, 510.

INMOC-21777

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Electron-Microscopic Examination of Freeze-
Dried Solutions of Alkylpoly-Ethylene Oxides
and Other Detergents, by M. Kohren, M.
Boesch, 12 pp.

GERMAN, per, Melliand Textilberichte,
Vol XXXVII, 1956, pp 680-685.

SLA 60-19901

Vol V, No 5
Jul 61

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Modernisation of Cotton Ring Spinning Machines, by
W. T. Swatek.

GERMAN, per, Holland Textiles, No 7, 1976, p 765.

ASLTD-08112

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Influence of the Weighing Apparatus (i. e. Card
Hopper) on Yarn Evenness, by E. Sattler.

GERMAN, per, Melliand Textilber, Vol XXXVII, No
7, 1956, pp 776-778.

CSIRO-3302

Sci

Aug 58

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The Cause, Examination and Avoidance of
Pilling, by H. Driesch.

GERMAN, per, Melliand Textiler, Vol XXXVII,
No 7, 1956, pp 789-795.

CSIFO-3301

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Aug 58

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The Problem of Static Charges in the Spinning
of Synthetic Fibres, by E. Kirschner,

GERMAN, per, Melliand Textilber, Vol. XXXVII,
No 8, 1956, pp 892-895.

CSIRO-3321

Sci

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Combining-Spinning Process, by J. Meindert;

GERMAN, per, Melliand Textilberichte, Vol XXXVII,
1956, pp 1258-1260.

CSIRO

Sci - Engr
Aug 62

211, 319

The Effect of Elevated Temperatures on Natural and
Synthetic Fibres, by A. Agster.

GERMAN, per, Melliand Textilber, Vol XXVII, No 11,
Nov 1956, pp 1338-1344.

ASLIB-GB39

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Testing of Uniform Cloths for Filling --
Comparative Investigations on Uniform Cloth
Using Various Methods, by W. Heydeck.

GERMAN, per, Melliand Textilberichte,
Vol XXXVII, No 12, 1956, pp 1399-1403.

CSIRO

Sci - Engr
Jan 62

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Dyestuff Problems in Textile Printing, by W.
Christ, 8 pp.

GERMAN, per, Melliand Textilber, Vol XXXVII,
No 12, 1956, pp 1438-1442.

Assoc Tech Sv 77J14G

Sci
Aug 58

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Printing of Fully Synthetic Fibres II, Printing of
Polyacrylonitrile Fabrics, by B. Bantoch,

GERMAN, per, Malliard Textilberichte, Vol XXVII,
pp 1442-1448. 1956

C.S.I.R.O.
Chief Librarian

Sci

May 60

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The Manufacture of Flat Warp Knitted Goods: Without
Curled Edges, by J. Riethmüller.

GERMAN. ~~per~~, Melliand Textilber, Vol XXVIII, No 1,
1957, pp 42, 43.

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The Chemistry of Onium Compounds and their
Significance for Textile Chemistry and Textile
Finishing. I, by H. Rath, 33 pp.

GERMAN, per, Melliand Textilber, Vol XXXVIII,
No 1, 1957, pp 78-82, ibid Vol XXXVIII, No 2, 1957,
pp 181-188; ibid XXXVIII, No 3, 1957, pp
321, 322.

Assoc Tech Serv-37JMG

Sci

Aug 58

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An Attempt to Determine the State of Division
of Urea-Formaldehyde Resins in Cellulose
Fibres and Fabrics, by K. May, O. Rothe.

GERMAN, per, Melliand Textilber, Vol XXXVIII,
1957, pp 92-96.

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Polyvinyl Alcohol Twisted Yarns, by G.
Klust.

GERMAN, per, Melliand Textilberichte,
Vol XXXVIII, 1957, pp 134-136.

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Sci - Chem
Jun 62

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Economical Number of Spindle Revolutions for
Doubling, by F. Fournes.

GERMAN, per, Melliand Textilber, Mar 1957,
pp 246-249.

ASLIB-GB112

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Studies of the Dyeing Process of Polyacrylonitrile Fibers with Basic Dyes. (First Communication), by O. Glenz and W. Beckmann. 23 pp.

GERMAN, per, Melland Textilber, Vol XXXVIII, 1957, pp 296-300.

SIA 3448

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Crease Recovery Angle As a Function Of Time and
Position Of the Crease by W. Wegener.

GERMAN, FER, Melliand Textilberichte, Vol XXXVIII,
No 4, pp 369-373 and No 5, pp 494-498, 1957.

CSIRO Tr 4087

Oct. 62

Oxidation of Ience Compound to the Vat Dye,
by A. Schaeffer, 8 pp.

GERMAN, per, Melliand Textilber, Vol XXXVIII,
No 4, 1957, pp 428-431.

Assoc Tech Sv 24J163

Bci
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Rudie, H.
LABELLING OF THE RESIN IN FINISHED FABRICS
BY MEANS OF FLUORESCENT DYES. (1961) 12p.
(refs. 18 figs. omitted).
Order from SLA \$1.60

61-14326

Trans. of Meliland Textilber (JCHS) (West Germany)
1957, v. 38, no. 4, p. 442-448.

DESCRIPTORS: *Textiles, *Resins, Identification,
*Fluorescent dyes, Effectiveness, Dyes.

(Materials--Textiles, TT, v. 6, no. 1)

61-14326

1. Rudie, H.

161725

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Investigations of the Shrinkage of Wool Fabrics
on the Hoffmann Press, by C. Sustmann.

GERMAN, per, Melland Textilberichte,
Vol XXXVIII, No 4, 1957, pp 452-456.

CSIRO 4088

Sci - Engr
Aug 62

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Forces Involved in Drawing of Slivers, by
F. Maag.

GEORGMAN, per, Mollant Textilberichte,
Vol XXVIII, 1957, pp 738-792.

CSIRO

Sci - Engr
Aug 62

211, 318

Thread Tensions during Twisting, by F. Fournes.

GERMAN, ^{MELLIAND} ~~Melliand~~ Textilber, May 1957;
pp 488-492.

ASLIB-UB112

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Mixed Wool and Synthetic Fibre Yarns. 7. Felting
and Shrinkage Properties Of Mixed Wool and Synthetic
Fibre Yarns (Perlon, Dralon, Diolen) by H. Zahn and
E. Kratzsch.

GERMAN, per, Melliand Textilberichte, Vol XXXVIII,
No 5, 1957, pp 559-563.

CSIRO Tr 4285

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Thread Tensions During Twisting II, by
V. Pourns.

GERMAN, per, Melliand Textilberichte,
1957, pp 602-605.

CSIRO

Sai - Engr
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Soiling of Cellulose Hydrate Fibres, by
W. Baniel.

GERMAN, per, Mell. Textilber, Vol 30,
1957, 648-653.
GB/121

Sci -
Jul 67

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Is Rayon Staple a Full-Valued Raw Material or a
Substitute for Natural Fibers?, by G. H. Klatsch,
3 p

GERMAN, Ger, Melliand Textilber, Vol XXVIII, No 6,
1957, pp 654-655.

AMS-47J170

Sci

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New Methods for the Continuous and Semicontinuous
Dyeing of Fabrics of Polyamide and Polyester
Fibers, by Albrecht Wurt, 26 pp.

GERMAN, Per, Melliand Textilberichte, 1957,
Vol XXXVIII, No 7, pp 777-783.

Sci
Vol 2, No 3
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SLA 59-15313

101,056

Studies on the Dyeing of Polymerylonitrile Fibers
with Basic Dyes, Part 2, by W. Beckmann, O. Glanz,
11 pp.

GERMAN, ^Ler, Melliand Textiber, Vol XXXVIII, No 7,
1957, pp 783-787. ^A

ATS-57J18G

Sci

Jul 59

92, 690

Regularities in the Decomposition of Textile
Fibers by Energy-Rich Radiation and Heat, by A. Sippel,
25 p.

GA. MUI, per, Malland Textilberichte, 1957,
Vol XXXVIII, No 8, pp 893-904.

SLA 59-15744

Sci
Jan 60
Vol 2, No 8

105,521

Printing and Pad Dyeing of Polyester Fabrics, by
R. Walter, H. Ilg- 23 pp.

GERMAN, Per, Melliand Textilberichte, 1957,
Vol XXXVIII, No 9, PP 1039-1043.

SLA 59-15286

Sci
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Vol 2, No 3

101,055

Experiments With Various Drawing Frame
Arrangements and Their Effect on Yarn
Quality, by E. Simon.

GERMAN, per, Mellian Textilberichte,
Vol XXVIII, No 10, 1957, pp 15090-
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CSIRO

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Sci - Engr
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Physical-Chemical Investigation of the Dyeing c
Process of Polyacrylonitrile Fibers with Basic
Dyes, by O. Glens, 12 pp.

GERMAN, er, ~~Melland~~ ^{K. O.} ~~Tetzel~~ ^{K. O.} ~~ber~~, Vol XXVIII, No 10;
1957, p: 1152-1157.

ATS-24J198

Sci

Jul 59

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Over-Reduction and Over-Oxidation in Printing with
Anthraquinoid Blue Vat Dyes, by G. Bernardy, A. Blum,
11 p

GERMAN, per, Melliand Textilber, Vol XXVIII, No 10,
1957, pp 1159-1163.

ATS-23J190

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